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PTO/SB/01 (12-97)
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| | | |
|---|-------------------------------|--|
| DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) | Attorney Docket Number | |
| | First Named Inventor | MICHAEL F. YOUNG |
| | COMPLETE IF KNOWN | |
| | Application Number | 60 / 120,639 |
| | Filing Date | 02/18/99 |
| | Group Art Unit | |
| <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing | OR | <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) |
| | Examiner Name | |

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

BI-DIRECTIONAL SWITCHED RF AMPLIFIER, WATER PROOF HOUSING, ELECTROSTATIC OVER VOLTAGE PROTECTION AND MOUNTING BRACKET THEREFOR

the specification of which
☒ is attached hereto
OR
☐ was filed on (MM/DD/YYYY) [] as United States Application Number or PCT International Application Number [] and was amended on (MM/DD/YYYY) [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | YES | NO |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) |
|-----------------------|--------------------------|
| 60/120,639 | 02/18/1999 |

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. Parent Application or PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if applicable) |
|--|---------------------------------|--------------------------------------|
| | | |

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer
Number Bar Code
Label here

| Name | Registration Number | Name | Registration Number |
|------|---------------------|------|---------------------|
| | | | |

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label

OR ☒ Correspondence address below

| | | | | | |
|---------|-------------------|-----------|--------------|-----|--------------|
| Name | MICHAEL F. YOUNG | | | | |
| Address | 7110 SEA CLIFF RD | | | | |
| Address | | | | | |
| City | Mc LEAN | State | VA | ZIP | 22101 |
| Country | USA | Telephone | 703-790-8989 | Fax | 703-237-9090 |


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

| | | | | | | | |
|--|---------------------|------------------------|---------|---------|-------|-------------|-----|
| Given Name (first and middle (if any)) | | Family Name or Surname | | | | | |
| MICHAEL F. | | YOUNG | | | | | |
| Inventor's Signature | Date | | 2/14/00 | | | | |
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| City | Mc LEAN | State | VA | ZIP | 22101 | Country | USA |

☐ Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

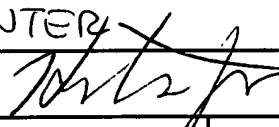
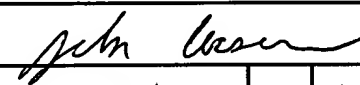
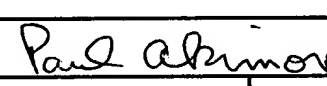
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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 3 of 3

| | | | | | | | |
|--|---|---|----|------------------------|-------|-------------|------------|
| Name of Additional Joint Inventor, If any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle [if any]) | | | | Family Name or Surname | | | |
| HUNTER | | | | JONES | | | |
| Inventor's Signature |  | | | | | Date | 02/14/2000 |
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| Post Office Address | | | | | | | |
| City | SILVER SPRING | State | MD | ZIP | 20904 | Country | USA |
| Name of Additional Joint Inventor, If any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle [if any]) | | | | Family Name or Surname | | | |
| JOHN | | | | CASAER | | | |
| Inventor's Signature |  | | | | | Date | 2/14/2000 |
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| Post Office Address | APT 103 | | | | | | |
| City | MCLEAN | State | VA | ZIP | 22102 | Country | USA |
| Name of Additional Joint Inventor, If any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle [if any]) | | | | Family Name or Surname | | | |
| PAUL | | | | AKIMOV | | | |
| Inventor's Signature |  | | | | | Date | 2/14/2000 |
| Residence: City | SPRINGFIELD | State | VA | Country | USA | Citizenship | USA |
| Post Office Address | 6418 CHARNWOOD STREET | | | | | | |
| Post Office Address | | | | | | | |
| City | SPRINGFIELD | State | VA | ZIP | 22152 | Country | USA |

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**STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(b))--INDEPENDENT INVENTOR**

Docket Number (Optional)

Applicant, Patentee, or Identifier: MICHAEL F YOUNG

Application or Patent No.: 60/120,639

Filed or Issued: 02/18/1999

Title: BI-DIRECTIONAL SWITCHED RF AMPLIFIER,

As a below named inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

☒ the specification filed herewith with title as listed above.

☐ the application identified above.

☐ the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below.

☐ No such person, concern, or organization exists.

☒ Each such person, concern, or organization is listed below.

YOUNG DESIGN, INC
FALLS CHURCH, VA

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

MICHAEL F YOUNG
NAME OF INVENTOR

WfY
Signature of inventor

02/14/00
Date

HUNTER JONES
NAME OF INVENTOR

HJ
Signature of inventor

02/14/2000
Date

JOHN CASAR
NAME OF INVENTOR

John Casar
Signature of inventor

02/14/2000
Date

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**STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(b))--INDEPENDENT INVENTOR**

Docket Number (Optional)

Applicant, Patentee, or Identifier: MICHAEL F YOUNG

Application or Patent No.: 60/120,639

Filed or Issued: 02/18/1999

Title: BI-DIRECTIONAL SWITCHED RF AMPLIFIER, ...

As a below named inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

- ☒ the specification filed herewith with title as listed above.
☐ the application identified above.
☐ the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☐ No such person, concern, or organization exists.
☒ Each such person, concern, or organization is listed below.

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PAUL AKIMOV
NAME OF INVENTOR

NAME OF INVENTOR

NAME OF INVENTOR

Paul Akimov
Signature of inventor

Signature of inventor

Signature of inventor

02/14/2000
Date

Date

Date